

PUGET SOUND

National Estuary Program

URBAN TREE AND FOREST CANOPY COVER TOOLKIT

This project will conduct a regional stormwater analysis to evaluate the accuracy and efficacy of the role the urban forest plays in stormwater mitigation in the Puget Sound (PS) region. The resulting outputs will foster greater adoption of urban forestry solutions benefiting PS and its waterways.

What we're doing

King Conservation District and software technology contractors will test and verify the iTree Hydro and Western Washington Hydrology Model (WWHM) in select municipalities within Pierce, Snohomish and King Counties. These analyses will determine the most appropriate applications of these models to inform future investment in urban forestry and stormwater practices throughout the PS region.

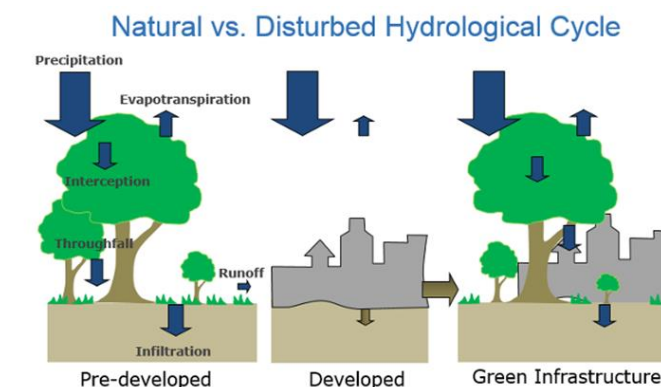


WHAT YOU CAN DO

Trees are an essential element of healthy, livable urban communities. They are the backbone of wildlife habitat and they provide clean air and water. City residents, homeowners and businesses can improve the condition of existing tree canopy and expand canopy cover by planting trees in street rights-of-way and front and back yards, and by volunteering to adopt and restore urban open spaces and parks.

ABOUT KING CD

The King Conservation District offers a variety of programs and services for residents and land/home owners focused on local food, health forests and clean water. By promoting the sustainable uses of natural resources, we work with you to create Better Ground. King CD programs and services are funded through a combination of local, state, federal and private sources.



WHY THIS IS ISSUE IMPORTANT

Improving tree canopy is critical to stormwater mitigation in urban environments. The iTree suite of tools quantifies urban forest ecosystem services, yet iTree Hydro is currently underutilized in the PS region. This project will provide guidance on utilizing iTree Hydro and WWHM to inform future urban forest and stormwater management practices in the PS region.

FOR MORE INFORMATION

<http://www.kingcd.org/programs-forest-health-management.htm>

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